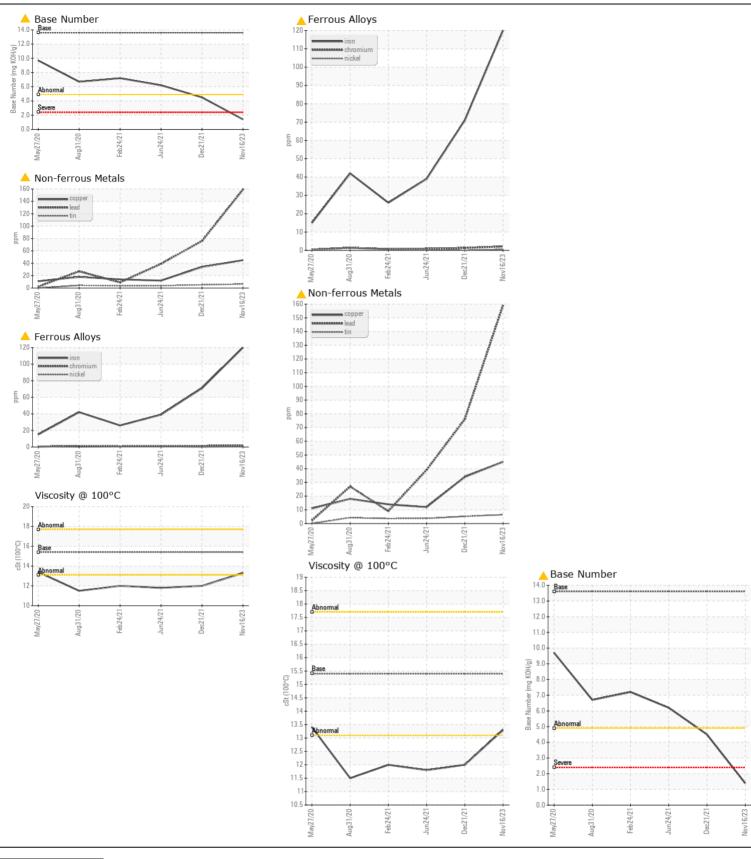
WEAR CONTAMINATION FLUID CONDITION **ABNORMAL NORMAL ABNORMAL**

JOHN DEERE 470G 1FF470GXJJF235253

I Det	UOM	Method	Limit/Abn	Current	History1	History2
Test Sample Number	JOIVI		LIIII(/AUII		-	JR008724
						24 Jun 202
	hrs					0
J						500
						500
•	1110					Changed
•					_	Changed
-		Onorte inio		-	0	ABNORMAL
Iron	ppm	ASTM D5185m	>51	120	<u> </u>	39
Chromium	ppm	ASTM D5185m	>11	2	1	<1
Nickel	ppm	ASTM D5185m	>5	<1	0	<1
Titanium	ppm	ASTM D5185m		<1	<1	<1
Silver	ppm	ASTM D5185m	>3	<1	<1	0
Aluminum	ppm	ASTM D5185m	>31	7	7	5
Lead	ppm	ASTM D5185m	>26	159	<u> </u>	4 39
Copper	ppm	ASTM D5185m	>26	45	△ 34	12
Tin	ppm		>4	<u>^</u> 6	<u> </u>	4
Vanadium	ppm	ASTM D5185m		<1	<1	<1
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Ciliaan		ACTM DE10Em	. 00	10	10	10
						10
	ppm					
						<1.0 NEG
			>0.21			NEG
,	0/		. 2		1	0.6
					17	12.8
						31.6
						NONE
						NONE
						NONE
						NORMI
• •						NORMI
				NEG	_	NEG
Sodium	ppm	ASTM D5185m	>31	37	12	14
Boron	ppm	ASTM D5185m		20	21	30
Barium	ppm	ASTM D5185m		0	<1	0
Molybdenum	ppm	ASTM D5185m		187	252	248
Manganese	ppm	ASTM D5185m		2	2	<1
Magnesium	ppm	ASTM D5185m		717	810	766
Calcium	ppm	ASTM D5185m		1384	1509	1462
Phosphorus	ppm	ASTM D5185m		867	874	821
Zinc	ppm	ASTM D5185m		1097	1007	992
Sulfur	ppm	ASTM D5185m		2346	2442	2289
Oxidation	Abs/.1mm	*ASTM D7414	>25	54.6	36.6	28.4
	Sample Number Sample Date Machine Age Oil Age Filter Age Oil Changed Filter Changed Sample Status Iron Chromium Nickel Titanium Silver Aluminum Lead Copper Tin Vanadium White Metal Yellow Metal Silicon Potassium Fuel Water Glycol Soot % Nitration Sulfation Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc	Sample Number Sample Date Machine Age hrs Oil Age hrs Filter Age hrs Oil Changed Filter Changed Sample Status Iron ppm Chromium ppm Nickel ppm Titanium ppm Silver ppm Aluminum ppm Lead ppm Copper ppm Tin ppm Vanadium ppm White Metal scalar Yellow Metal scalar Yellow Metal scalar Silicon ppm Fuel Water Glycol Soot % % Nitration Abs/cm Sulfation Abs/.1mm Silt scalar Debris scalar Sand/Dirt scalar Appearance scalar Codor scalar Emulsified Water scalar Sodium ppm Boron ppm Barium ppm Molybdenum ppm Manganese ppm Manganese ppm Magnesium Calcium ppm Phosphorus Zinc ppm	Sample Number Sample Date Machine Age Oil Age hrs Client Info Filter Age Oil Changed Filter Changed Sample Status Iron ppm ASTM D5185m Chromium ppm ASTM D5185m Nickel ppm ASTM D5185m Titanium ppm ASTM D5185m Aluminum ppm ASTM D5185m Copper ppm ASTM D5185m Tin ppm ASTM D5185m Vanadium ppm ASTM D5185m Visual Silicon ppm ASTM D5185m Fuel WC Method Water WC Method Glycol WC Method Soot % % ASSTM D7844 Nitration Abs/.1mm ASSTM D7624 Sulfation Abs/.1mm *ASTM D7624 Sulfation Abs/.1mm *ASTM D7624 Sulfation Abs/.1mm *ASTM D7185m Visual Appearance Scalar *Visual Appearance Scalar *Visual Sand/Dirt Scalar *Visual Appearance Scalar *Visual Sand/Dirt Scalar *Visual Appearance Scalar *Visual	Sample Number Sample Date Machine Age Nrs Client Info Client Info Machine Age Nrs Client Info Client I	Sample Number Client Info JR0189202	Sample Number Client Info JR0189202 JR0113752 21 Dec 2021 Machine Age Oil Age hrs Client Info Client Info 5848 3536 3536 Oil Age hrs Client Info 1200 500 500 500 500 Changed Changed Changed Changed Changed ABNORMAL Changed Changed ABNORMAL Changed Changed ABNORMAL Changed ABNORMAL ASTM D5185m >51 ▲ 120 ▲ 71 ✓ 71 Chromium ppm ASTM D5185m >51 ▲ 120 ▲ 71 ✓ 72 ✓ 71 ✓ 71 ✓ 71





Laboratory Sample No. Unique Number : 10754034

Lab Number : 06014890

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 : JR0189202

Received **Tested** Diagnosed

Test Package : CONST (Additional Tests: TBN)

: 23 Nov 2023 : 25 Nov 2023 - Don Baldridge

: 22 Nov 2023

JRE - CHARLOTTE 9550 STATESVILLE ROAD CHARLOTTE, NC US 28269

Contact: CHARLOTTE SHOP myoung@jamesriverequipment.com

To discuss this sample report, contact Customer Service at 1-800-237-1369. * - Denotes test methods that are outside of the ISO 17025 scope of accreditation. Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)

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